

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: _____)
Jesse Salb, et al. _____)
Application No. _____)
Filed: March 2, 2004 _____)
For: FUNCTIONAL RADIOGRAPHIC IMAGING _____)
METHODS AND AGENTS _____)

Examiner: Not yet assigned

Art Unit: Not yet assigned

Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant hereby requests consideration of the enclosed Information Disclosure Statement pursuant to 37 C.F.R. §1.97(b). Attached are the PTO Forms 1449 and Forms 892 from the continuation-in-part application filed on March 15, 2001 (Serial No. 09/809,870) and from the continuation-in-part application filed on September 8, 1998 (Serial No. 09/149,734). These previous applications are relied upon for an earlier filing date under 35 U.S.C. §120.

Pursuant to C.F.R. §1.98(d), copies of the references are not being provided herewith since they were previously sent to the Patent and Trademark Office. Please consider these cited documents in the currently pending §1.53(b) continuation application filed on March 2, 2004.

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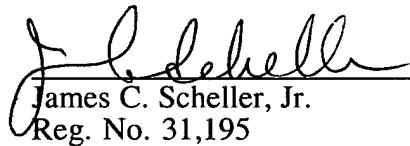
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Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 3/2, 2004



James C. Scheller, Jr.
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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 04646.P007X	Application Number: 09/809,870
	First Named Inventor: Jesse Salb, et al.	
Page <u>1</u> of <u>1</u>	Filing Date: 3/15/2001	

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		SIGEL, PETER and PETTE, DIRK. "Intracellular localization of glycogenolytic and glycolytic enzymes in white and red rabbit skeletal muscle; a gel film method for coupled enzyme reactions in histochemistry." <u>The Journal of Histochemistry and Cytochemistry</u> , vol. 17, no. 4, pages 225-236 (September 1968).	

Examiner Signature	Date Considered
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		BECH, LARS; DIEMER, NILS HENRIK; and GJEDDE, ALBERT. "Metabolic effect of topical application of metrizamide to rat brain cortex." <u>Acta Neurol Scand.</u> , vol. 72, pages 427-431 (June 1985).	
		GJEDDE, ALBERT. "The blood-brain barrier is impermeable to metrizamide." <u>Acta Neurol. Scandinav.</u> vol. 66, pages 392-395 (1982).	
		GICEL, PETER and PETITE, DURK. "Immunocytochemical localization of glycogenolysis and glycolytic enzymes in white and red rabbit skeletal muscle; a gel film method for coupled enzyme reactions in histochemistry." <u>The Journal of Histochemistry and Cytochemistry</u>, vol. 17, no. 4 (September 1968), 1 page.	

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		First Named Inventor: Jesse Salb		
Page <u>2</u> of <u>2</u>		Filing Date: 3/15/2001		
OTHER ART - NO PATENT LITERATURE DOCUMENTS				
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		PCT International Search Report for PCT Int'l Appln No. US01/08612, mailed 16 August 2002 (9 pages).		
		XU, YIMING et al. "Synthesis of Radioiodinated 1-Deoxy-Nojirimycin Derivatives: Novel Glucose Analogs," <u>Nuclear Medicine and Biology</u> , Vol. 26, No. 7, p. 833-839 (1999), Document No. XP-001037809.		
		MAGATA, YASUHIRO et al. "Development of a Novel Radioiodinated Glucose Derivative with Interaction to Hexokinase," <u>Journal of Labelled Compounds and Radiopharmaceuticals</u> , Vol. 31, No. 4, p. 317-328 (1992), Document No. XP-000675967.		
		LUTZ, T. et al. " ¹²³ I-Iodobenzoylglucosamines: Glucose Analogues for Heart Imaging," <u>Journal of Labelled Compounds and Radiopharmaceuticals</u> , Vol. 33, No. 4, p. 327-344 (1993), Document No. XP-008002378.		

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Notice of References Cited		Application/Control No.	Applicant(s)/Patent Under Reexamination 09/809,870 SALB ET AL.	
		Examiner Lauren Q Wells	Art Unit 1617	Page 1 of 2

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-4243653	01-1981	Sovak et al.	424/5
	B	US-3701771	10-1972	Almen et al.	260/211
	C	US-4455292	06-1984	Bertoni	424/5
	D	US-3974386	10-1976	Mistretta et al.	250/402
	E	US-3854049	12-1974	Mistretta et al.	250/402
	F	US-4139605	02-1979	Felder et al.	424/5
	G	US-4250113	02-1981	Nordal et al.	564/163
	H	US-4160015	07-1979	Wiegert	424/5
	I	US-3702866	11-1972	Salvesen et al.	260/501.11
	J	US-4341756	07-1982	Sovak et al.	424/5
	K	US-4352788	10-1982	Felder et al.	424/5
	L	US-4348377	10-1982	Felder et al.	424/5
	M	US-4439613	03-1984	Sovak et al.	549/347

FOREIGN PATENT DOCUMENTS

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			Examiner Lauren Q Wells	Art Unit 1617	Page 2 of 2

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-4766110	08-1988	Ryan et al.	514/19
	B	US-4021481	05-1977	Almen et al.	260/558
	C	US-2840602	06-1958	Larsen	260/518
	D	US-5609851	03-1997	Bennani et al.	424/9.454
	E	US-5525327	06-1996	Baker et al.	424/9.45
	F	US-4406878	09-1983	DeBoer	424/5
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	H	US-			
	I	US-			
	J	US-			
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Sheet 1 of 4

Complete if Known

Application Number	09/809,870
Filing Date	March 15, 2001
First Named Inventor	Jesse Salb
Art Unit	2877
Examiner Name	
Attorney Docket Number	04646.P007X

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Application Number	09/809,870
Filing Date	March 15, 2001
First Named Inventor	Jesse Salb
Group Art Unit	2877
Examiner Name	

Attorney Docket Number 04646.P007X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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		ANDERSON et al., "What does positron emission tomography offer oncology?". <i>Eur. J. Cancer</i> 36:2028-2035 (2000).	
		BENDER et al., "Possible role of FDG-PET in the early prediction of therapy outcome in liver metastases of colorectal cancer", <i>Hybridoma</i> 18: 87-91 (1999).	
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		DEHDASHTI et al., "Positron emission tomographic assessment of "metabolic flare" to predict response of metastatic breast cancer to antiestrogen therapy", <i>Eur. J. Nucl. Med.</i> 26: 51-56 (1999).	
		FINDLAY et al., "Noninvasive monitoring of tumor metabolism using fluorodeoxyglucose and positron emission tomography in colorectal cancer liver metastases: correlation with tumor response to fluorouracil". <i>J. Clin. Oncol.</i> 14: 700-708 (1996).	
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		GERAN et al., "Protocols for screening chemical agents and natural products against animal tumors and other biological systems", <i>Cancer Chemother. Rep.</i> 3: 51-61 (1972).	
		GREEN et al., "Noninvasive methods for quantitating blood time-activity curves from mouse PET images obtained with fluorine-18-fluorodeoxyglucose", <i>J. Nucl. Med.</i> 39: 729-734 (1998).	

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Sheet 3 of 4

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Application Number	09/809,870
Filing Date	March 15, 2001
First Named Inventor	Jesse Salb
Group Art Unit	2877
Examiner Name	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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		HENDRIKSE et al., "Visualization of multidrug resistance in vivo". <i>Eur. J. Nuc. Med.</i> 26:283-293 (1999).	
		HIETALA, "Ligand-receptor interactions as studied by PET: implications for drug development", <i>Ann. Med.</i> 31: 438-443 (1999).	
		HOH et al., "PET in oncology: will it replace the other modalities?", <i>Semin. Nuc. Med.</i> 27:94-108 (1997).	
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		JERUSALEM et al., "Whole-body positron emission tomography using 18F-fluorodeoxyglucose for posttreatment evaluation in Hodgkin's disease and non-Hodgkin's lymphoma has higher diagnostic and prognostic value than classical computed tomography scan imaging", <i>Blood</i> 94: 429-433 (1999).	
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		SMITH et al., "Positron emission tomography using [(18)F]-fluorodeoxy-D-glucose to predict the pathologic response of breast cancer to primary chemotherapy". <i>J. Clin. Oncol.</i> 18:1676-1688 (2000).	

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			Examiner	Art Unit Armando Rodriguez 2877		Page 1 of 1

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
							APS	OTHER
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	3 7 0 1 7 7 1	10/31/72	Almen et al.	260	211R	6/26/70
AC	3 8 5 4 0 4 9	12/10/74	Mistretta et al.	250	402	12/10/73
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AC	4 2 5 0 1 1 3	2/10/81	Nordal et al.	564	153	8/24/79
AC	4 3 6 4 9 2 1	12/21/82	Speck et al.	424	5	3/6/80

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Form PTO-1449 (REV. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 76958.P003	SERIAL NO. 09/149,734
		MAR 01 1999 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT Jesse Salb	
				FILING DATE 9-8-98	GROUP not yet assigned

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AK	AA	5,093,042	Counsell et al.	260	408	4/20/90
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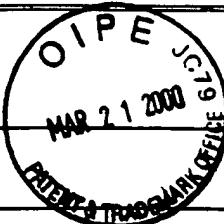
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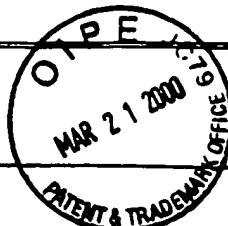
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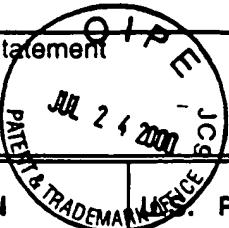
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